

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

KILGER et al

Group Art Unit: 1656

Application No.: New Application

Examiner: Horlick, K.

Filed: January 8, 2001

Attorney Dkt. No.: 101614-00009

For: METHOD FOR THE UNCOUPLED, DIRECT, EXPONENTIAL AMPLIFICATION AND SEQUENCING OF DNA MOLECULES WITH THE ADDITION OF A SECOND THERMOSTABLE DNA POLYMERASE AND ITS APPLICATION

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

January 8, 2001

Sir:

Prior to initial examination of the application, please amend the above-identified application as follows:

IN THE CLAIMS:

Cancel claims 1-33 without prejudice and insert the following new claims:

-- / 34. (New) A process for simultaneously amplifying and sequencing a nucleic acid molecule, comprising the steps of:

a) denaturing a double stranded DNA molecule to obtain two complementary single stranded DNA molecules;

b) contacting said two complementary single stranded DNA molecules with two primers to obtain two primer containing single stranded DNA molecules, wherein one of the two primers is complementary to one of the two complementary single stranded